Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices

Ind. 12/5, 95, N.A.Z.
ANNALS, APR 95
62 K2

1894-1895

T. V. MUNSON'S NURSERIES.

DENISON, TEXAS.

CATALOGUE.

Murray's Print, Denison, Texas.

Please Do Not Fail to Read the Following.

TERMS, CONDITIONS, SHIPPING, ETC.

Cash (by Draft, Money Order or Registered Letter) WITH ORDER will secure prompt filling. No goods shipped unless CASH OR SATISFACTORY SECURITY accompanies the order.

To Secure Goods not wanted sent at once, send one-half the cost with the order. No reserve will be made otherwise, save to well known and reliable parties and by special agreement. Goods will be shipped "C. O. D." only when one-half payment is sent with order, or to well-known and thoroughly reliable parties.

At prices named, goods are carefully packed in moss or straw, well baled or boxed, and delivered to forwarders here, after which my responsibility ceases, except for mistakes in filling, which must be reported within **FIVE DAYS** after receipt of goods, to admit of adjustment A double system of checking is employed in putting up orders, so that mistakes are rare, and sometimes customers complain of an error and afterwards find it was their own mistake. Be careful in unpacking to note everything, and IMMEDIATELY "HEEL IN" IN MOIST SOIL TILL PLANTED, or **plant at once.** NEVER ALLOW THE ROOTS TO DRY, OR FAILURE WILL MOST LIKELY RESULT.

Every care is taken to secure safe and prompt transportation.

It is always better to ship by Express, unless the amount of stock is large. Nursery stock goes by express at special low rates.

GIVE EXPLICIT DIRECTIONS FOR SHIPMENT.

When such are not given I shall use my best judgment in selecting a route, but will not be responsible for loss thereby. Shipping facilities in every direction from Denison are unexcelled.

Customers will generally be most successful in getting desirable assortments by leaving the selection, in part at least, to me, as I have much experience in testing and growing for market, but I desire everyone to have his or her choice as nearly as possible.

It is to my own interest to give customers the best terms and selections possible.

But I cannot prevent Drouths, Severe Winters, Early and Late Frosts, Insects and Rabbits, etc., from cutting nor Plants from dying by Bad Treatment in Other Hands, HENCE I NEVER INSURE TREES TO LIVE AFTER LEAVING MY POSSESSION, but do deliver good stock in good order, true to name. In case I fail in these I replace at once or refund money. After stock is accepted I replace none that may die after planting.

I AM RESPONSIBLE TO ALL MY CUSTOMERS, and to them only, for the character of the goods, and to the same or their forwarders, the express and railway companies, I guarantee to deliver stock in good order and true to name. With such delivery my responsibility ceases.

☞It is a distinct agreement between me and my customers that in any case where stock fails to come up to specifications, I am liable only to replace stock or refund money received for goods in question. But no pains are spared to do a reliable business.

CAUTION.

I employ no traveling agents. Those claiming to be my traveling agents are frauds and should be shunned. I have learned of a number of such operators, and have advertised them for the protection of planters.

CLUB ORDERS.

Many responsible persons get up Club Orders in their own communities and send in to secure club rates. Such trade is respectfully solicited. Club rates will be given on application. This is the nearest approach I make to agency work. Those desiring to act as local agents must give good references in the place where they live.

SUBSTITUTION.

If it is not explicitly stated in the order that no substitution is permitted, in case the variety ordered is sold out, I shall consider permission to substitute granted, and then put in place of the variety ordered, another, always with its correct name and one of equal or better value, unless such is not in stock, when the variety will be left unfilled and money for it returned.

PRICES.

When orders amount to less than $5 the single rate given in catalogue will be charged. These "*single rates*" do not apply to small fruits, such as Strawberries, Blackberries and Raspberries, except *single dozens*, or hundred, when dozens are not priced. No discount on small fruits at the thousand rates, unless as many as 5000 are wanted, then 20 per cent off.

DISCOUNTS ALLOWED.

(See next page, under *A Small Library*, "How to Plant a Place.")

BILLS AT SINGLE RATES OF OVER $5 AND UNDER $10, are entitled to additional selections at single rates to the amount of one-fifth of first selection, or 15 per cent off amount of bill.

BILLS AT SINGLE RATES OF $10 TO $20 are entitled to one-fourth more additional stock at single rates, or 20 per cent off entire amount of bill.

BILLS AT SINGLE RATES OF $20 TO $40 are entitled to one-third more additional stock at single rates, or 25 per cent off entire amount of bill.

BILLS AT SINGLE RATES OF $40 TO $60 are entitled to 40 per cent additional stock at single rates, or 33⅓ per cent off.

BILLS AT SINGLE RATES OF $60 or more will be served at regular wholesale rates, which will be given on application.

Address, T. V. MUNSON, Denison, Texas.

HORTICULTURAL INFORMATION.

Those Wishing Questions Answered, Please First Read This Page.

A REQUEST.

Often persons to whom my catalogue has been sent write me for information about what varieties succeed best in this and that locality, and for me to recommend a special list for their locality, and for various other horticultural information.

My catalogue is specially arranged to answer all such questions as definitely as is possible for me to do, unless I should establish experimental stations in numerous parts of the country to get the special information. I have done as nearly that as possible by visiting nearly every part of the entire country, taking notes of the successful and unsuccessful, and gleaning information from every reliable source, collecting and testing in my grounds nearly every promising variety brought out, and finally propagating the best only, and embodying brief, pointed descriptions of them, giving seasons, localities where most successful, etc., so that any diligent student of my catalogue will find generally the very information I am so often asked to give. But if anyone, after careful study of this catalogue, fails to get the knowledge he wants, I shall be pleased to write it to him, if I know, or else refer him to works containing the knowledge.

This catalogue is aimed to contain the very best information and list of varieties for the South and West that is possible to put in the space, so please do not lightly throw it aside. It embodies the best knowledge about varieties that twenty years of diligent work has secured.

No cultivator of fruits, trees or flowers can afford to be without some of the books mentioned below. Every horticulturist in Texas should be a member and attend the meetings of the Texas State Horticultural Society.

A SMALL LIBRARY

OF MOST USEFUL HORTICULTURAL BOOKS.

THESE BOOKS AND JOURNALS ANSWER YOUR QUESTIONS IN THE BEST MANNER.

So many of my customers write me for horticultural information (which I have ever most gladly given by letter, until the questions have become too numerous for me to longer thus answer without employing help), that I have, after careful examination, selected the following list of works, of most approved authorship, and arranged to mail direct to those ordering, at Publisher's prices, given below. No discounts can be made on books, excepting to anyone ordering the entire library of 21 books, aggregating $29.10, for $25.

Nearly every one of these books is profusely illustrated.

The journals named are some of the highest standards.

How to Plant a Place, illustrated	$ .20
This splendid little work is given as a present to every customer who buys $4 or more stock from me at single rates, in addition to other discounts offered on opposite page.	
Henderson's Gardening for Profit	2.00
Stewart's Irrigation for Farm, Garden and Orchard	1.50
Harris's Talks on Manure, treating the entire subject in a practical way	1.75
Johnson's "How Crops Grow," exceedingly important to one who would succeed	2.00
American Fruit Culturist, J. J. Thomas, the highest standard	2.00
Oemler's Gardening for the South, treating of Vegetables and Fruits	1.50
Fruits and Fruit Trees of America, Downing, a complete encyclopedia of pomology	5.00
Quinn's Pear Culture for Profit	1.00
Black's Cultivation of the Peach, including a chapter on Pears	1.50
Fuller's Small Fruit Culturist, covering all classes of small fruit	1.50
Strawberry Culturist, Fuller	.25
Husmann's American Grape-Growing and Wine-Making	1.50
Bailey's Field Notes on Apple Culture	.75
Fungus Diseases of the Grape and Other Plants, and Treatment, Scribner	.75
Henderson's Practical Floriculture	1.50
Elliott's Practical Landscape Gardening; the laying out and planting of ornamental grounds	1.50
Hand-Book of Tree-Planting; the where, the how and what to plant for groves and forest	.75
Horticulturists' Rule-Book; rules for the practical gardener, Prof. L. H. Bailey	1.00
How to Improve Plants by Crossing and Hybridizing, Prof. Bailey	.40
American Grape Training, including Munson's Trellis System, Prof. L. H. Bailey	.75

Journals: American Agriculturist, monthly, $1.50; American Gardening, bi-monthly, $1.00; Rural New-Yorker, weekly, $1.00; Texas Farm and Ranch, weekly, the best of all Southern agricultural and horticultural journals, $1.00. Any other horticultural journals desired sent at publisher's rates.

CATALOGUE.

INTRODUCTORY.

To My Numerous Intelligent, Discriminating Customers:

Were the splendid varieties of all classes of fruits, shades, shrubs, evergreens, etc., in this catalogue illustrated with plates as profusely as are some catalogues extensively distributed this modest pamphlet would swell into a book of a hundred pages or more, and the expense would be many times multiplied, all of which would require that prices be raised on my customers to meet the additional expense.

Intelligent customers, the class I ever seek, readily distinguish between buying pictures and agents' richly embellished speeches, and the articles they wish to plant.

Having always pursued the principle of giving plain, unvarnished descriptions, true to nature, and furnishing the very best of everything named, making every piece sent out a living advertisement of upright method, my business has continued to rapidly expand, even through all the hard times, and my books show orders filled in the season of 1893–4 from seven Foreign countries, forty-two States and Territories, and Two Hundred and Twenty-Seven towns and cities in Texas! For all this splendid patronage I am profoundly thankful to the senders of the 3265 orders filled the last season, and am better prepared than ever to as carefully serve the increased patronage that I hope to receive the approaching season.

The following careful, truthful descriptions are of far more value in making successful selections than would be the grandest set of pictures that could be executed. Therefore study the descriptions, and preserve this catalogue, for it will be found a most valuable horticultural work of reference.

* Those varieties, outside my special list of grapes, throughout the catalogue preceded by a star were introduced by me after careful testing, and I am proud of them. They generally are making excellent records, and some have become recognized standards.

APPLES.

IN ORDER OF RIPENING—3 TO 4 FEET, 10 CENTS; 4 to 6 FEET, 15 CENTS.

(See "Discounts Allowed," page 2.)

This list is well tested and successful in Texas.

JUNE IN TEXAS.

Early Harvest, vigorous, abundant, yellow, large, good, tart, table, cooking.
Red Astrachan, vigorous, productive, red, large, tart, market.
Red June, slow, prolific, red, small, good, tart, market, table.
Fanny, new, vigorous, productive, red, large, excellent, market, table.

JULY.

Cooper, vigorous, prolific, pale yellow, large, excellent, cooking, market.
Summer Queen, abundant, striped, large, good, table, market.
Cravenstein, vigorous, abundant, striped, large, good, table, market.
American Summer Pearmain, productive, striped, medium, best, table, market.

AUGUST.

Bledsoe, (Texan) very fine, prolific, striped, large, excellent, table, market.
Yellow Horse, very vigorous, abundant, yellow, large, good, culinary.
Jonathan, good grower, prolific, red, medium, fine, market.
Maiden Blush, vigorous, prolific, cream blush, large, fine, market, cooking.
Carter Blue, very thrifty, abundant, striped, large, fine, market, cooking.
Ortley, vigorous, productive, pale yellow, large, excellent, table, market.
Doyle, of Texas origin, large, striped, excellent, prolific.

SEPTEMBER.

Wealthy, vigorous, profuse, striped, large, excellent, market.
Buckingham, (Equinetely) good, abundant, striped, large, excellent, market.
Shannon, strong, slow bearer, yellow, very large, best table, cooking.
Red Winter Pearmain, good, prolific, red, medium, fine, table, market.

OCTOBER AND LATER.

Bradford, (Kentucky Streak) strong, abundant, striped, large, very good, market.
Winesap, prolific, red, medium, very good, market.
Ben Davis, hardy, vigorous, profuse, striped, large, good, market.

Rutledge. This variety was obtained from Mr. Frank Rutledge, of Travis county, Texas, on whose plantation the original tree now stands. Concerning its history and description Mr. Rutledge wrote me February 22, 1891. "The tree is growing on my place, and was planted out where it now stands in 1856. There was a man by the name of Scott who brought some apple seed from Arkansas in 1854 and planted them He gave my father, W. P. Rutledge, two of the seedling trees, one of which died twenty years ago; the other still lives. It is healthy, prolific and entirely free from disease. The body is twenty inches in diameter, and the top fifty feet in diameter. It grows on black pebbly soil, with clay sub-soil."

The specimens of fruit received from Mr. Rutledge were large, handsome, richly striped, resembling the Bradford somewhat, and of still finer quality than that splendid variety. It ripens after the Ben Davis shortly. In this I believe we have one of the most valuable of all Southern apples. This apple should be tested extensively. It bears abundantly. $1 each; $9 per dozen.

Cano, vigorous, prolific, bright red, large, good, market. This variety is similar every way to the Ben Davis, but of a rich red all over; very valuable.

Texas Red, one of the best esteemed apples in East Texas; large, striped, fine.

Maverack Sweet, vigorous, abundant, red cheek, large, very good, market or home.

Nickajack, vigorous, abundant, striped, large, very good, market or home.

Arkansas, vigorous, abundant, dark-red, medium, excellent, market.

Kinnaird, strong, spreading tree, prolific, red, large, a superb Southern winter apple.

Shockley, vigorous, abundant, red cheek, medium, good keeper.

Limbertwig, vigorous, prolific, red, medium, very good keeper.

Shirley, (Texan) vigorous, prolific, striped, medium, excellent keeper.

Loy, vigorous, prolific, red cheek, large, best keeper.

Blacktwig, a splendid, large, dark-red Arkansas apple.

CRABS.

IN SUCCESSION—20 CENTS EACH.

Whitney, vigorous, prolific, striped, large, cider, jelly, preserves.

Transcendent, vigorous, prolific, waxen, with stripes, ornamental, jelly, preserves.

Hyslop, vigorous, prolific, crimson, large, ornamental, preserves.

Yates, very vigorous, prolific, striped, large, cider or dessert, keeps very late.

PEARS.

IN ORDER OF RIPENING—30 CENTS EACH, EXCEPT LEXINGTON.

Andre Desportes, a handsome, good-sized, very early pear.

* **Lexington.** This remarkable variety was found about the year 1882, in a vacant lot in Lexington, Ky., by Mr. C. S. Bell, of that place. Finding the fruit so large and fine, borne on a very young seedling tree, he thought it worthy of preservation and sent me wood for grafting. I have had it for about ten years, and find the tree very healthy, but of a dwarfish habit, grown on pear root, and inclined to bear at two to four years of age. The fruit is about the same size, shape and color of Bartlett, but earlier by two weeks and of still finer quality. So far no blight has ever attacked it. Very promising. I offer a few trees only, at present, at $2 each.

Clapp's Favorite, on pear, prolific, red cheek, large, excellent, table.

Howell, on pear, prolific, yellow, large, best, table, market.

Bartlett, on pear, prolific, yellow, large, fine, table, market.

Le Conte, on own roots, prolific, yellow, very large, good, table or market.

Seckel, on pear, prolific, brown, small, best, table.

Buffum, on pear, prolific, brown, small, fine, table.

Birkett, on pear, very vigorous, never known to blight, an excellent fruit of good size, comes into bearing slowly, valuable with age.

Superfine, on pear, prolific, pale yellow, medium, best, table.

Duchesse, on pear, pale yellow, very large, good, market.

Louise Bonne, on pear, vigorous, prolific, red cheek, medium, table, market.

Anjou, on pear, moderate grower, moderate bearer, brown blush, medium, fine, table.

Jeffer, on own roots, very vigorous, prolific, yellow, very large, excellent canning.

QUINCES.

NEED VERY RICH, DEEP, WELL-DRAINED SOIL—30 CENTS EACH.

Meech, very fine and prolific, none better.

ALMONDS.

20 CENTS EACH.

Languedoc, a leading variety; grown for commerce.
Terragona, a large variety; also much grown for commerce.
Nonpareil, produced by Mr. Hatch of California.
Ne Plus Ultra, produced by Mr. Hatch of California.
Sultana, a standard market variety.
Princess, very fine, thin-shelled.

Almonds succeed in irrigated regions of Western Texas and New Mexico.

APRICOTS.

IN ORDER OF RIPENINN—20 CENTS EACH.

Myer, earliest, medium size, good, prolific.
Eureka, very early, large, fine, prolific.
Early Golden, very early, medium, deep yellow, prolific.
Royal, early, large, excellent; one of the very best.
Moorpark, medium, large, excellent; an old favorite.
Russian Apricots: Alexander, Budd, and **Gibb,** the three best varieties of this strain.
Japan Apricots: Gold-Dust, and **Hubbard;** these are remarkable for size, fine quality and vigorous trees.

CHERRIES.

20 CENTS EACH.

Early Richmond, an old reliable variety.
English Morello, similar to Early Richmond; later.

PEACHES.

IN ORDER OF RIPENING—3 to 4 FEET, 10 CTS.; 4 TO 6 FEET, 15 CTS.

Each "Ripening" extends over a period of ten to fifteen days, and embraces white and yellow fleshed, free and cling varieties, where possible. Nearly all of the varieties have been critically tested by me, along with numerous other kinds, in three successive test orchards, planted and fruited within the past twelve years in different soils and situations. Not a variety is included which has not been tested by experienced and critical orchardists and pronounced valuable for the particular purposes and sections for which they are recommended. Desirable qualities in tree, as well as fruit, have been considered. Those varieties followed by the letter *a* are recommended for amateur or family planting. In size and quality of fruit they are usually the very finest, but not prolific, or firm enough, or of the right season for profitable planting, excepting in very favorable localities.

Those followed by *c* are recommended for CANNING.
Those followed by *e* are recommended for EVAPORATING.
Those followed by *m* are recommended for MARKETING FRESH.
Those followed by *c e m* will make an excellent "All Purpose" variety.
I challenge the world to excel this list of peaches.

I.

RIPENING HERE AT DENISON FROM MAY 20 TO JUNE 10.

Alexander, *m.* Holds its own as the best of all the extra earlies.

II.

* **Miss Lolo,** *a. m.* A *perfect* freestone, fine quality, blush, white flesh; prolific.
Mamie Ross, *a. m.* A very large blush, white flesh, semi-cling, prolific; very valuable.
Hynes' Surprise, *m.* True freestone when ripe; resists rot better than Hale's Early, which it resembles.
* **Bishop,** *m.* Very large, crimson, white flesh, free; a valuable market sort, sure and prolific.

III.

RIPENING AT DENISON JUNE 10 TO 25.

Yellow St. John, *a. c. m.* Where it succeeds well it is exceedingly profitable. Does well in California, Eastern and Western Texas. Tender in bud here, like the Crawford.

Eldred, *a. m.* A crimson cling of immense size. Origin, Southern Texas.

Mountain Rose, *c. e. m.* Large, round, white flesh, red cheek, free.

* **June Rose,** *m. c. e.* Seedling of Early Rivers, crossed with Mountain Rose. Pure freestone, white flesh, red cheek; a very prolific and profitable peach, finest quality.

IV.

* **Family Favorite,** *m. c. e.* Large, white flesh, red cheek, free, sure, prolific; seedling of Chinese Cling. This is making a most favorable record everywhere.

Jennie Worthen, *c. e. m.* Medium to large size, yellow, free, rich crimson cheek, sure.

Mrs. Brett, *m. c. e.* Similar to Oldmixon Free, but about a week earlier, sure, prolific.

General Taylor, *a.* Large, white flesh, red cheek, cling, productive.

Foster, *a. e. c. m.* Earlier and finer quality than E. Crawford; very handsome.

V.

RIPENING AT DENISON JULY 5 TO 20.

Gen. Lee Cling, *a. m.* Seedling of Chinese Cling, but earlier and more prolific; better.

Crawford Early, *a.* Tender in bud; an old valuable standard variety; fine in West Texas.

Oldmixon Free, *m. c. e.* Large, white flesh, red cheek, fine, polific, sure; old "stand-by."

Elberta, *m. c. e.* Very large, yellow, red cheek, free, firm, sure, prolific. Best of all. For vigor, certainty and abundant bearing, this variety has no superior. For fine appearance, good shipping qualities and ready selling, for canning and evaporating, it stands without a peer. It cannot be too extensively planted.

Chinese Cling, *a.* Largest size, oblong, greenish cream, faint blush.

* **Utah Free,** *c. e. m.* Large, prolific, rich yellow, valuable. Introduced by me.

* **Utah Cling,** *m.* Large, prolific, yellow, red cheek. Introduced by me in 1893.

The last two kinds above closely reproduce themselves from seed.

VI.

RIPENING AT DENISON JULY 20 TO AUGUST 10.

Sylphide, *m. c.* Cling, large, white flesh, red cheek, prolific, sure; seedling of Chinese Cling.

Bequett Free, *m. c. e.* Largest size, white flesh, red cheek, productive, firm, superb, possesses Chinese blood, a sure bearer.

Orange Cling, *c. m.* Large, clear, yellow, sweet, rich, juicy, prolific.

Druid Hill, *m. e. c* Large, white flesh, red cheek, free, prolific; old reliable kind.

Stump, *m. e. c.* Large, white flesh, red cheek, free, reliable.

Bequett Cling, *c. m.* Very large, white flesh, red cheek, productive, fine; as large as Chinese Cling, and possesses some Chinese blood.

Alice Haupt, a famous South Texas peach.

VII.

RIPENING AT DENISON AUGUST 10 TO 25.

Columbia, *c. e. m.* Large, dull orange yellow, mottled with red, free, sure.

* **Scruggs,** *c. e. m.* Large, similar to Picquet's Late, but earlier, valuable.

Crothers, *m. e. c.* Large, white flesh, red cheek, best, productive, superior to Ward Late.

Walker, *m. e. c.* Largest, white flesh, blush cheek; an old standard kind.

* **Raisin,** *a. m.* Of the Indian Cling type, crossed with Heath, large, juicy, prolific, splendid. The finest in quality of any cling known to me.

VIII.

Ringgold, *c. m.* A greatly improved seedling of Heath Cling, superb.

Picquet, *m. c. e.* Very large, yellow, with red cheek, free, sure, prolific.

Salway, *m. c. e.* Similar to Picquet; sometimes follows it, and sometimes precedes it.

* **Crimson Beauty,** *m. c.* Very large, white flesh, crimson surface, cling, prolific.

IX.

RIPENING AT DENISON SEPTEMBER 10 TO 25.

Wonderful, *c. e. m.* A remarkably fine, yellow freestone, of the Smock type.
Henrietta, or **Levy,** *m. c.* Very large, yellow, cling, crimson cheek, sure.
* **Bonanza,** *c. e. m.* Very large, white flesh, red cheek, free, prolific, vigorous.
Lonoke, *a. m.* Large, yellow, cling, prolific, flowers large, late, sure.
* **Topaz,** *c. e. m.* Large, yellow, free, red cheek, prolific, flowers large, late.
* **Cobbler,** *c. e. m.* Large, yellow, free, prolific, vigorous tree, valuable.

X.

RIPENING AT DENISON INTO OCTOBER.

* **Barnes,** *a. m.* A fine, very late, yellow cling, of Indian type. Originated in Bell county.
* **Bell's October,** *c. e m.* Large, rich yellow, red cheek, freestone, of finest quality. Originated by Hon C. C. Bell, of Denton County, Texas. I am proud of the honor of introducing this superb peach. $1 each.

PLUMS.

THIS LIST IS SUPERB.

IN ORDER OF RIPENING—20 CENTS EACH.

* **Emerson,** Chickasaw, good grower, red, large, good quality, heavy bearer.
Lone Star, Chickasaw, poor grower, red, large, good, abundant.
* **Transparent,** Chickasaw, excellent grower, yellow, above medium, good, abundant.
Pissardii, Myrobalan, ornamental, always purple, small, good, moderate bearer.
Yosebe, thrifty, prolific, redish-purple, medium, fine, very early.
* **Clifford.** This splendid plum was produced by Mrs. Clifford, of this county, from seed of Wildgoose. It is larger than Wildgoose, pear-shaped, red, meaty, with fine pineapple flavor; $1 each.
Wildgoose, Chickasaw, vigorous, red, large, very good, abundant when fertilized.
Botan, Japanese, vigorous, purple, large, good, prolific. (Babcock of Bailey.)
Ogon, Japanese, vigorous, yellow, very large, excellent, prolific, a freestone.
Abundance, thrifty, of Japanese origin, very prolific, large, purple, very successful, fine.
Simonii, Asiatic, vigorous, vermillion purple, large, good, very fine shipper, flowers early.
Burbank, similar to Satsuma, earlier, finer, with yellow flesh, purple skin, very prolific.
Hattankio, good tree, purple, very large, excellent, prolific. (Munson of Bailey.)
Satsuma, largest size, dark blood-red flesh, prolific; a remarkably fine variety.
Berger, thrifty, fine quality, similar to a large cherry, purple, meaty, freestone.
Silver Prune, of Oregon, exceedingly large, pale yellow.
Wooten, Chickasaw, good grower, red, medium, very good, prolific, sure. Trees of this planted near, or among, Wildgoose, fertilize its flowers.
Forest Garden, American, vigorous, red, large, excellent, prolific, sure.
Weaver, American, vigorous, red, medium, good, prolific, flowers late, sure.
Golden Beauty, peculiar, vigorous, yellow, medium, good, free, very prolific, unfailing.
Kelsey, Japanese, vigorous, greenish-yellow, very large, excellent, prolific, blooms early.
Wayland, Golden Beauty type, vigorous, crimson, medium, good, firm, very prolific, sure.
* **Newton,** American type, from Kansas. First brought to my notice by Theo. B. Young, of Sedgewick County, Kansas, as one of the most unfailing, prolific, excellent in quality, large-sized plums. It bears "ropes" of large plums every year. Having seen and eaten the fruit, I am greatly pleased with it, and believe it to be the finest variety of the Americana yet introduced. The tree is a fine, healthy grower. I consider it a rare privilege to introduce this noble freestone, American plum. It bears the name of the man who owned the original tree. $1 each.

MULBERRIES.

4 TO 6 FEET, 15 CTS.; 6 TO 8 FEET, 20 CTS.; LARGE, 25 CTS.

Hicks' Everbearing, profuse three months, fine grower for shade, and the best of all trees for the fowl-yard.

Victoria, the finest fruited Russian Mulberry yet produced, very fine.

Downing, a larger, better berry, still, than Hicks'; not so prolific, and not so hardy.

BLACKBERRIES.

IN SUCCESSION.

***Spalding.** This remarkable blackberry was found about the year 1880 growing wild in Gonzales County, Texas, by Mr. E. H. Spalding (deceased). He sent to me some plants to test, and to disseminate if found worthy. The plant is very vigorous, quite thorny, and holds its foliage till very late in the fall. Will probably be evergreen in the Gulf regions. It bears abundantly of very large, most excellent fruit, ripening with or before the Early Harvest blackberry—about the same time with dewberries—and is a true blackberry. It is the largest and earliest Southern blackberry known to me. I do not recommend it for regions where winter temperature goes below zero, although it has endured a few degrees lower than that here at Denison without injury. I think it will prove valuable in the Gulf regions and where great resistance to heat and drouth is desired. $1.00 per 12; $5.00 per 100.

Early Harvest, vigorous, upright, few weak thorns, very prolific, medium size, firm, profitable market; per 12, 50 cents; per 100, $2; per 1000, $10.

Wilson's Early, vigorous, drooping, thorny, productive, large, fine; 50 cents per 12; $2 per 100; $8 per 1000.

Dallas, very vigorous, drooping, thorny, productive, large, fine. This is proving to be a very valuable market variety. 50 cents per 12; $2 per 100; $10 per 1000.

Minnewaska, similar to Kittatinny, but regarded as still better and not subject to rust; new; 50 cents per 12, $2.50 per 100.

Erie, vigorous, upright, moderately thorny, prolific, very large and fine; 50 cents per 12; $2.50 per 100.

RASPBERRIES.

50 CENTS PER 12; $2 PER 100; $12 PER 1000.

Tyler, one of the earliest and best black-caps.

Turner, successful, red, early, prolific.

Kansas, a very large, excellent fruited black-cap. One of the best for a dry, hot climate. $1 per 12; $5 per 100.

Hopkins, an excellent and successful medium to late black-cap.

Cuthbert, the best late red raspberry for the South.

STRAWBERRIES.

25 CENTS PER 12; $1 PER 100; $4 PER 1000, UNLESS OTHERWISE NOTED.

Michel's Early, earliest of all, large, vigorous, perfect flower; a fine pollinator for other kinds.

Crescent, early, prolific, bright, excellent market, pistilate; needs Michel's Early to fertilize it.

Enhance, robust, endures heat well, prolific, bears a long time in succession, perfect flower.

Sharpless, for great size and good quality, makes a noble family berry, perfect flower.

Van Deman, similar to Crescent, with perfect flower.

Captain Jack, used here as a fertilizer of Crescent, and makes the best market companion for it. It is large, crimson, firm, good, very productive.

Bubach No. 5, large, handsome, productive, valuable, successful here, pistilate.

* **Parker Earle** still leads. Get from headquarters and thus be sure of the genuine.

DESCRIPTION—Plant robust, free from disease, stooling heavily and renewing itself sufficiently by strong runners. It is a model in make-up; endures the extremes of heat and cold remarkably well. Berry regular, uniformly large, conical, with a neck, glossy, scarlet crimson, ripens all over, flesh firm, crimson, no hollow core; seeds, golden, becoming crimson, prominent, protecting in handling; quality, excellent, Flowers, perfect, always setting perfect fruit, which is borne in the greatest profusion, the rate of sixteen thousand quarts to the acre having been gathered. The fruit carries well and brings the very highest price in market. Shipped from Denison to St. Louis, over 600 miles, in perfect order in common 24-quart cases. Hundreds of cases shipped from Denison to Kansas City and other distant markets in perfect order, and bringing highest price. Makes plants slowly.

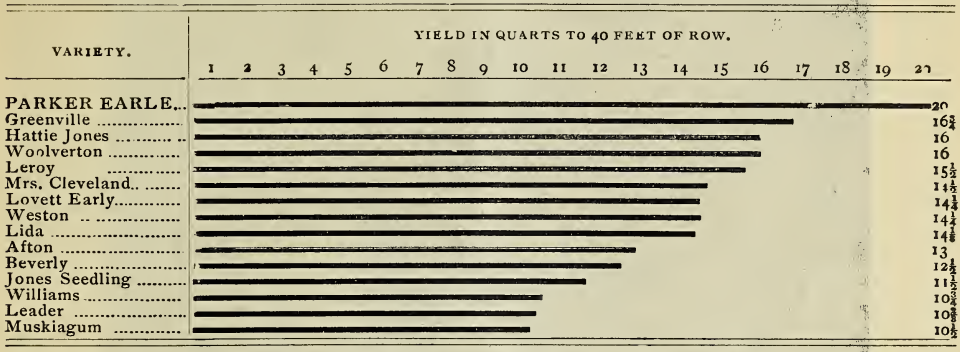
Probably no berry ever introduced has received so many favorable and so few adverse reports.

* PARKER EARLE STRAWBERRY.

RELATIVE YIELD OF 15 SELECTED SORTS OF STRAWBERRIES,

AS DETERMINED AT THE MICHIGAN EXPERIMENT STATION, 1894.

"In the following diagram we have endeavored to show at a glance the relative productiveness of the varieties in the above table, selecting only those with a yield in exces of te i quarts from the forty feet of row.



Parker Earle is by many regarded as the most valuable of the comparatively new strawberries. It makes very few plants, but sets an immense number of fruits, and with high culture and a favorable season will ripen most of them.

L. R. TAFT, Horticulturist.
H. P. GLADDEN, Assistant Horticulturist."

(See Michigan State Experiment Station Report for 1894.)

From New York, Iowa, Wisconsin, Nebraska, Kansas, Colorado, all Texas except the narrow Gulf belt, where it is affected by the salt breeze, California—in fact, nearly every State and France I have the most favorable testimonials of this remarkable berry, which exceeds any other berry in productiveness over 15 per cent.

Price of Plants:—50 cents per 12; $1.50 per 100; $8 per 1000; 500 for $4.

FIGS.

25 CENTS EACH.

Adriatic, very large, white, fine quality. The finest of commercial varieties, yet scarce in the United States.

Black California, very large, dark-purple, bears first year; new.

Celestial, medium, pale purple, very sweet, early, very prolific, bears first year.

Magnolia, large, rich fruit, yellowish, bears well on young shoots first year.

San Pedro, new, very large, white, excellent, bears first year, prolific.

JAPAN PERSIMMONS.

This remarkable fruit does well all through the South; 40 cents each; in many varieties.

POMEGRANATE.

Spanish Ruby, the largest, finest and most prolific of fruiting varieties. Will succeed, with a little winter protection, anywhere in Texas. It is a fruit without disease, and deserves extensive cultivation; 50 cents each.

NUTS.

Select Texas Pecan, large, nutmeg-shaped, thinest shell, best quality. 15 cents each; $10 per 100; $75 per 1000.

The Pecan is the finest nut known, and destined soon to be cultivated extensively for commercial purposes. My trees were grown from the finest nuts in size, thinness of shell and excellent quality I have ever tested, and were all gathered from isolated trees, hence will generally produce fine nuts. Trees 1 to 3 feet transplant easily.

Juglans Sieboldii Cordiformis, Heart-Shaped Japan Walnut. This is one of the finest nuts known, and yet very scarce, even in Japan, where it originated. The nut cracks easily and the kernel *drops out whole*. The flavor is sweeter and richer than the English Walnut, the tree hardier and very handsome. Two-year-old trees, 50 cents each.

A BRANCH OF GOUMI FROM FULL-BEARING SHRUB—ONE-SIXTH NATURAL SIZE.

ELAEAGNUS LONGIPES.

Goumi. Here is a magnificent shrub, with leaves dark-green above and silvery beneath, perfectly hardy, bearing a crimson cherry-like fruit (with one small long seed), of refreshing tart flavor, making an immense crop every year, ripening in May here; 50 cents each.

GRAPES.—STANDARD LIST.

IN SUCCESSION. 100,000 FOR SALE. FINEST QUALITY. THIS LIST CONTAINS THE BEST AND MOST SUCCESSFUL. HAVE TESTED ALL THESE WITH HUNDREDS OF OTHERS. FLOWERS PERFECT AND WILL BEAR ALONE, UNLESS OTHERWISE NOTED. WHEN PISTILATE, THEY NEED A PERFECT FLOWERED KIND PLANTED NEAR.

	EACH. 1 YEAR.	2 YEARS.
Champion, large, black, poor quality, market, vigorous, prolific	5 cts.	7 cts.
Moore's Early, very large, black, good market	8 cts.	10 cts.
Moore's Diamond, one of the finest white American grapes, new	10 cts.	15 cts.
Woodruff, new, large, red, good market, beautiful	10 cts.	15 cts.

	1 YEAR.	2 YEARS.
Ives, medium, black, fair market, wine, free from disease	5 cts.	7 cts.
Wyoming, new, medium, red, fine, table, market, wine, beautiful	10 cts.	15 cts.
Perkins, large, pink, fair market, prolific, healthy	5 cts.	7 cts.
Brighton, large, red, fine table, market, wine, pistilate	5 cts.	10 cts.
Delaware, small, very fine, table and market, little or no rot	8 cts.	10 cts.
Norfolk, new, large, red, fine table, market, wine	20 cts.	25 cts.
Walter, medium, red, very fine table, market, wine	10 cts.	15 cts.
Lindley, large, red, very good table and market, pistilate flower	5 cts.	10 cts.
Lady Washington, very large, pale red, very fine table, rots	10 cts.	15 cts.
Empire State, large, yellow, fine table, prolific, rots, drops	10 cts.	15 cts.
Agawam, very large, red, fine table	10 cts.	
Worden, very large, black, good market, improved Concord	5 cts.	8 cts.
Niagara, large, white, very good table, market	8 cts.	10 cts.
Martha, large, white, table, wine	5 cts.	7 cts.
Concord, large, black, table, market	4 cts.	5 cts.
Eaton, a seedling of Concord, with large clusters and enormously large, black berries, new, vigorous	15 cts.	20 cts.
Missouri Riesling, a white grape of medium size, free from disease, pure, excellent quality, wine, table, sometimes cracks	5 cts.	10 cts.
Excelsior, large berry and cluster, red, meaty, best table, market, feeble	20 cts.	30 cts.
Jefferson, large, red berry, large cluster, best table, market	10 cts.	15 cts.
Diana, large, red, fine table, market, wine	8 cts.	10 cts.
Triumph, (Campbell's), very large, white, best table	10 cts.	15 cts.
Cœthe, very large, pink, fine table	5 cts.	8 cts.
Norton, (Cynthiana), small, black, fine, red wine	10 cts.	15 cts.
Black July, (Devereux), small, black, fine wine	10 cts.	15 cts.
Jacquez, (Black Spanish, Le Noir, "Blue French"), small, laige cluster, black, red wine	10 cts.	15 cts.
Herbemont, (McKee, Bottsi, "Brown French"), small, large cluster, purple, finest quality, table, wine; best old grape in Southwest Texas	10 cts.	15 cts.
Hermann, small, black, fine, best amber wine, latest	10 cts.	15 cts.

VINIFERA VARIETIES.

20 CENTS EACH.

These succeed in far South and West Texas, especially with irrigation, equally as well as in California, but fail entirely in Central and Eastern Texas, owing to Philloxera, rot, mildew, etc., but by grafting on resistant roots and spraying, succeed in all but extreme Northern Texas.

Black Hamburg, very large, purplish-black.
Calabrian, very large, yellowish, fine table and raisin, good vine.
Carmenet du Medoc, dark purplish, celebrated for wine.
Feher Szagos, a splendid Polish raisin grape, vigorous.
Golden Champion, vigorous, large, fine.
Mission, or **El Paso,** well known, pale to dark-red.
Perle of Anvers, a choice white grape.
Purple Damascus, bunch large, berry very large, dark blue.
Romania, a fine variety for table.
Sanvignon Jaune, yellowish, finely flavored.
Violet Chasselas, a very beautiful dessert grape.
Zinfandel, large cluster, medium. black, wine, table.

RESISTANT GRAPE STOCKS FOR GRAFTING.

V. Champini is the most suitable for a hot, dry climate. Can supply one-year plants just right for grafting at $1 per 12, $6 per 100.

Cuttings of V. Champini, $2 per 100, $15 per 1000.

SOUTHERN MUSCADINES.

SUCCEED IN DEEP, RICH SOIL. EACH.

Thomas, very large, black, good wine, 1-year-old ..... 15 cts

Scuppernong, large, brownish-yellow, good wine, 1-year-old ..... 15 cts

Male Muscadine, if planted near the above, renders them very fruitful anywhere in the South. Without such pollinators near by they are unfruitful ..... 25 cts

New Creations in American Grapes.

MY HYBRIDS AND SEEDLINGS.

Another season's test has fully confirmed all I claim for these magnificent grapes. (See complete descriptive list of varieties on page 19.) Have received hundreds of most flattering testimonials.

BRILLIANT.

THE COMING GREAT EARLY, RED, MARKET AND TABLE GRAPE.

(From a Photograph, life-size; have produced much larger clusters than the one shown in cut. See page 17.)

DESCRIPTION:—This is a seedling of Lindley crossed by Delaware; produced by me in 1883. The vine is healthy, vigorous and hardy, having endured the winters of New York and Ohio with impunity. It ripens just before the Delaware, is very prolific, berries and clusters as large as Concord, compact, translucent red, similar to Delaware, quality about the same as Delaware, with less pulp, seeds one to three, skin thin and tough, berries adhere firmly to peduncle, making it a splendid early market grape, suitable for long shipments, and it will command the highest price. It makes a fine white or amber wine. Shipped it over 1000 miles to market in fine order and received best price of the market. It has received unreserved praise everywhere it has been tested, in Florida, Georgia, New Jersey, New York, Ohio, Kentucky, Missouri, Texas, Colorado and Connecticut. It mildews some in wet seasons in New Jersey and Michigan, near large bodies of water.

Price, $1 each; $8 per 12.

BELL.

DESCRIPTION:—A hybrid of Elvira with Delaware. Vine vigorous, healthy, free from mildew and leaf-folder, very hardy, a good, sure producer; cluster medium, cylindrical, often with a shoulder, fairly compact; berry medium, round, greenish-yellow, rarely attacked by black rot; skin thin, sufficiently tough to prevent cracking under ordinary weather changes; pulp rather tender, juicy, very sweet and agreeably flavored; ripens just before Concord. I consider it a superior grape to the Green Mountain.

Price, $1 each; $8 per 12.

ROMMEL. (See Plate, Page 15.)

DESCRIPTION:—Produced by me in 1885 by crossing the Triumph upon Elvira. Vine very vigorous, free from disease, not even attacked by the Leaf Roller; clusters medium, simple or shouldered, compact, handsome; berry medium to large, yellowish-white, translucent; skin thin and tough; pulp melting; seeds few and small; quality best, pure, sprightly, vinous; season about the same as Delaware; the vine is very hardy to resist cold or heat, and is very productive. Named for JACOB ROMMEL, of Missouri. I recommend this variety for extensive trial, North as well as South, as a very superior grape. The crop on 300 vines at five years of age averaged over fifteen pounds each, and brought the highest market price. It makes a fine white wine.

Price, $1 each; $8 per 12.

DR. COLLIER.

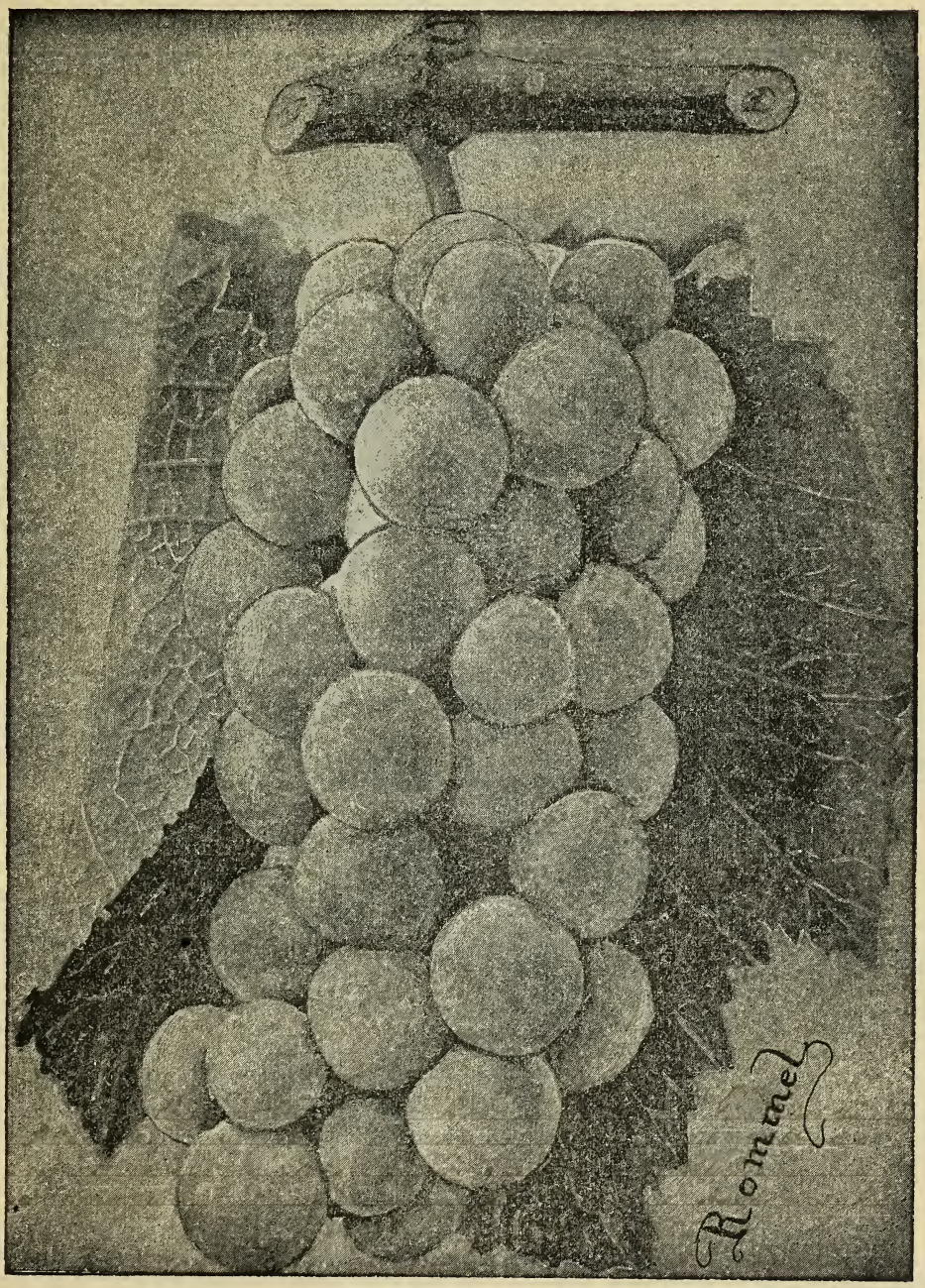
DESCRIPTION:—A hybrid produced by me of a very large, fine Post-Oak grape, pollinated by Concord. (Heretofore erroneously published as being hybridized with Lindley.) Leaves out, sheds and flowers late; flowers perfect; very productive and vigorous, hardy; cluster large, conical, handsome; berries large, red, becoming dark purple, very beautiful. Much less subject to rot than Concord. Skin thin, does not crack; pulp very juicy, sprightly, with a perceptable agreeable Concord flavor; hangs on longer after ripening without losing flavor, and will probably make a much better wine than the Concord. Ripens just after Concord.

Price, $1 each; $8 per 12.

BEACON.

DESCRIPTION:—A hybrid of a very large-clustered, large berried "Texas Post Oak Grape" (*V. Lincecumii*) of good quality, with Concord. Vine vigorous, with dark, glossy-green leaves of excellent texture and health; leafs out and flowers later than Concord and ripens nearly with it. Cluster large, long, cylindrical, often with a shoulder; berries closely resemble those of Concord, but average larger, some being one inch in diameter, and the bloom is somewhat heavier. The fruit has not the rank muskiness of Concord, but a very agreeable tuberose odor; berries more persistent than in Concord; skin tougher; pulp rather tender, meaty, of a somewhat similar, yet better quality than Concord; seeds 3 to 4, above medium. The vine is exceedingly prolific and carries its load with ease. This grape, I believe, will succeed almost anywhere that the Concord will thrive, and in much of the dry, hot Southern country where Concord is practically a failure. The fruit is less attacked by rot than that of Concord, and ripens perfectly even, while Concord is very irregular in that respect in the South.

Price, $1 each; $8 per 12.



(See Description, Page 14.)

AMERICA.

DESCRIPTION:—This is a seedling of Hermann Jaeger's No. 70, which is a hybrid between the best selected *Vitis Lincecumii* and *Vitis Rupestris* native of Missouri, hence has pure American blood of two of our best species. The vine is very vigorous and productive, comes into and sheds its foliage very late, free from disease. It flowers late and is perfect in fertilization. The vine is very hardy to resist heat and cold, and the roots to resist Phylloxera. Cluster large; berry medium to large, black and entirely exempt from rot; skin thin; pulp tender; juicy, pure and good; juice rich in coloring matter and sugar. Very promising as a dark-red wine, as well as a good market grape. Will probably succeed over a large extent of country.

Price, $1 each; $8 per 12.

HERMANN JAEGER. (SEE PLATE, PAGE 21.)

DESCRIPTION:—A hybrid produced by me in 1885 by using pollen of the Herbemont upon one of the best varieties of *Vitis Lincecumii* found wild in this vicinity. Vine exceedingly vigorous, healthy and prolific. It will probably endure the winters as far north as 40°. Bunch very large, shouldered or double-shouldered, compact; berry medium, of a dark purple, covered with a rich bloom, very persistent to the stem; skin thin, tough; pulp melting, very juicy, sweet and sprightly, of very good quality; seeds small. A very attractive and valuable grape for market, table or wine. Ripens with or a few days later than Concord.

Price, $1 each; $8 per 12.

CARMAN. (SEE PLATE, PAGE 22.)

DESCRIPTION:—A hybrid produced by me by using pollen of Triumph upon one of the best of our North Texas Post-Oak grapes (*V. Lincecumii*). It leaves out and sheds late, and blooms late, always setting and maturing a very heavy crop, its vigor enduring this heavy crop from year to year with impunity. The vine appears as hardy as the Concord wherever tried, it having passed 27° below zero in Missouri without damage. Its foliage and fruit so far has been almost entirely exempt from diseases of every kind. Clusters very large, shouldered, conical; berry medium to large, black, very persistent; skin thin but tough; pulp meaty and fairly juicy, with little coloring matter; flavor pure, rich, very sweet, of highest quality; exceedingly promising.

Price, $1 each; $8 per 12.

GOLD COIN.

DESCRIPTION:—One of my hybrids produced by pollinating Norton with Martha in 1883. Vine vigorous, late in leafing, shedding leaves and in flowering; flowers perfect; very hardy and productive; cluster medium, oval, or shouldered: berry medium to large, persistent, rich golden yellow when fully ripe, rarely touched by rot; skin thin, but very tough; pulp somewhat tough, very juicy, pleasant, agreeable flavor, becoming very sweet when fully ripe, Ripens about with Catawba; shows up and sells well in the market; immensely superior to the Pocklington. Will undoubtedly make an excellent white wine of good keeping qualities.

Price, $1 each; $8 per 12.

ELVICAND.

The Black-Land Grape.

DESCRIPTION:—A hybrid of Elvira with the Texas Mustang Grape *V. Candicans*, which grows and thrives so wonderfully everywhere in the black lands of the State. Vine exceeding vigorous, medium to late in leafing out and flowering; flowers perfect. The vine has proven perfectly hardy in New York and Missouri, in the latter State having passed safely a temperature of 27 degrees below zero. Exceedingly productive of small to medium, compact clusters of medium to large, beautiful, translucent, dark-red berries, which are exce dingly persistent to the stems, and ripen a little later than Concord, and hold on until late in September in Texas, becoming better and better al the time, a most valuable point. Skin thin, tough; pulp tender, juicy, melting when fully ripe, and of a very refreshing honeyed sweetness, and of a peculiarly agreeable pure flavor; seeds, one to three of medium size. In this grape we have a combination of three pure American species of grapes, and it will compare favorably in appearance and quality of berry with some of the finer Vinifera varieties, and is at once perfectly resistant to Phylloxera on its own roots and little subject to fungus diseases. This variety is worthy of the most extended trial in the black lands of Texas, where so few grapes do any good. In New York it gives promise of value. (See report of N Y. Experiment Station for 1893.) This is the pioneer of a distinct and new family grape.

Price, $1 each; $8 per 12.

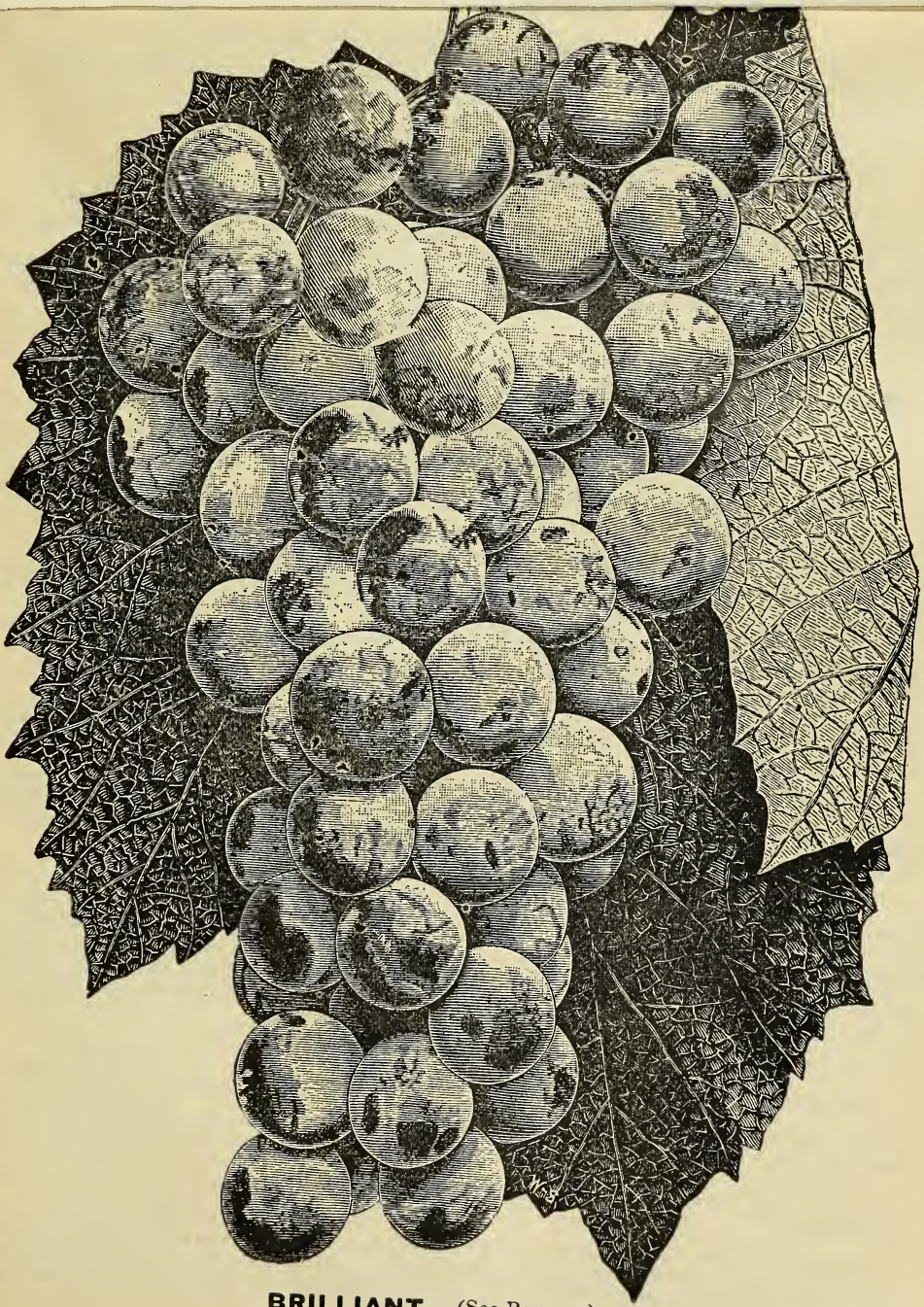
FERN MUNSON.

DESCRIPTION:—A hybrid of the Texas "Post-Oak Grape" (*Vitis Lincecumii*) and the Triumph. Vine very vigorous, late in leafing out, flowering and ripening of fruit; flowers perfect; cluster and berry large; berry persistent, very dark-purple—almost black; skin thin, tough; pulp tender, juicy, rich and sprightly, of very fine quality. Ripe here in August, long after Concords are gone, and when the market is bare of other grapes. Continues a long time and is very valuable, like the sweet young lady for whom it is named.

Price, $1 each; $8 per 12.

AMERICA.

REDUCED ONE-FIFTH IN DIAMETER.



BRILLIANT. (See Page 14)

NEVA, LAUSSEL and MARGUERITE.

(Commemorative of the three pretty good girls for whom they are named.)

These are still later than Fern, prolific and fine, and every Southern home should have at least a vine of each. Owing to lack of space for extended description, see condensed description in table.

Price, $1 each; $8 per 12.

A RARE OPPORTUNITY.

To persons purchasing one or more plants of my new varieties of grapes, who may request it, a package of hybridized grape seeds, liable to produce most valuable new types of grapes, will be mailed free.

Only seeds of varieties most likely to produce successful varieties in the region where you live will be sent. These seeds were not gathered at random, but with the utmost care to produce new and valuable families of varieties for different regions.

DESCRIPTIVE LIST OF 36 OF T. V. MUNSON'S BEST GRAPES.

IN ORDER OF RIPENING.

EXPLANATION OF TABLE ON PAGE 19.

1. Immediately below each name is given its specific blood. The mother species is always named first and is joined by x to the male parent.

2. All of the varieties in this list have perfect flowers, and will bear well standing alone.

3. The date of leafing out and the date of shedding foliage is indicated by: e—early; m—medium; l—late; vl—very late.

4. The date of having well commenced flowering at Denison, Texas, is indicated by the numerical dates, thus: 5-5—May 5th; 5-15—May 15th.

5. Growth: w—weak; m—medium; v—vigorous; vv—very vigorous.

6. Diseases: Downy mildew, anthracnose and black rot. 0—free; 1—slight attack; 2—severe. All of these varieties are resistant to Phylloxera.

7. Hardihood: In cold, 1—perfect, enduring 20° to 25° below zero in Missouri; 2—tender in bud at 5° below zero, but hardy in vine; 3—damaged partly in vine at 5° below zero. In heat and drouth, 1—perfect throughout Texas, in best soil; 2—perfect at Denison, Texas, but less enduring than 1; 3—suffers more or less in thin soils at Denison, Texas; in Missouri and northward endures summers well.

8. Fruit: Size of cluster, berry and seed is indicated as follows: s—small; m—medium; l—large; vl—very large. Shape of cluster: cy—cylindrical; cn—conical; sh—shouldered; cm—compound; db—double. Color of berry and juice: b—black; r—red; pr—pale red; dr—dark red; pur—purple; w—white; y—yellow; g—green; *r*—(italic)—intensity of coloring matter. Number in seeds column—average number of seeds. Quality of skin: tn—thin; tk—thick; t—tender; tf—tough. Quality of pulp: t—tender; tf—tough; my—meaty; mg—melting; j—juicy; Quality of flavor: g—good; vg—very good; b—best. Productiveness of fruit: vgt—very great; gt—great; m—moderate; s—shy.

9. Cuttings root: 1—easily; 2—fairly; 3—poorly; 4—with difficulty.

10. Region for which recommended: N—North; S—South. When in italics—especially for that locality.

11. This list is very full and comprehensive in description, although so compact. By careful use of the key any one can select varieties suitable for any purpose, season or locality where grapes can be grown.

By using the above key and writing descriptions below out in full, one can far better comprehend how excellent are most of these varieties.

In the South, with the old varieties generally in use, our grape crop passes away almost entirely in July and early August. This list gives a succession here at Denison from July 1st to October 1st. Beginning with Brilliant we soon have Rommel, then Carman, Hermann Jaeger, etc., in succession through August, with Laussel and others near the end of the list in September, keeping well on the vines till October.

36 OF T. V. MUNSON'S BEST GRAPES.

(See explanation and prices on opposite and reverse pages.)

Munson's Variety No.	Name and Specific Blood of Variety.	Leafing Out.	Leaf Fall.	Date of Flowering at Denison, Texas.	Growth.	Diseases. Mildew.	Anthracnose.	Black Rot.	Hardihood. In Cold.	Drouth.	FRUIT. Cluster. Size.	Shape.	Berry. Size.	Color.	Seed. Size.	Number.	Quality. Skin.	Pulp.	Juice Color.	Flavor.	Productiveness.	Cuttings Root.	Region for which Recommended.
23	BRILLIANT— Lindley x Delaware	m	e	5-4	m	o	o	1	1	2	l	cy sh	l	r	m	1-3	tn tf	j t	w	b	gt	1	N.S
71	CAMPBELL— Triumph Seedling	m	e	5-8	w	o	o	1	2	3	l	cy	m	y	s	1-2	tn tf	mg	w	b	m	1	N.S
44	EARLY WINE— Post Oak x Rupestris	m	m	5-7	v	o	o	1	1	2	m	cy	m	b	m	1-3	tn tf	j t	dr	vg	m	1	N.S
21	BELL— Elvira x Delaware	e	l	5-3	v	o	o	o	1	1	m	cy	m	g	m	2-3	tn tf	t	w	vg	m	1	N S
55	ROMMEL— Elvira x Triumph	m	m	5-5	v	o	o	o	1	2	m	cy sh	m l	w	s	1-3	tn t	mg	w	b	gt	1	N.S
30	AMERICA— Post Oak x Rupestris	vl	vl	5-16	v	v	o	o	o	1	1	cn sh	l	b	s	3-5	tn	mg	r	vg	gt	1	N.S
201	R. W. MUNSON— Big Post Oak x Triumph	l	l	5-11	v	v	o	o	1	2	1	cy	l	b	s	2 3	tn	t	r	vg	gt	2	N.S
96	DR. COLLIER— Post Oak x Concord	l	l	5-10	v	o	o	o	1	1	l	cn	l	dr	m	2 4	tn tf	j t	r	g	gt	2	N.S
197	BEACON— Post Oak x Concord	l	vl	5-11	v	v	o	o	1	1	1	vl cn	vl	b	m	2-4	tn tf	t	r	vg	gt	2	N.S
202	DELICIOUS— Big Post Oak x Herbemont	l	vl	5-16	v	v	o	o	1	2	1	l cn	m	b	s	1-3	tn tf	mg	r	b	gt	2	S
83	LINDHERBE— Lindley x Herbemont	l	vl	5-12	v	o	o	o	2	1	m	cy	m	r	s	1-3	tn tf	my	w	b	gt	2	N.S
105	BIG EXTRA— Post Oak x Triumph	l	l	5-16	v	1	1	2	1	1	l	cy	l	b	m	2-4	tt	t	r	vg	vg	2	N.S
196	BAILEY— Post Oak x Triumph	l	l	5-12	m	1	o	1	1	1	l	cy	l	b	m	2-3	tn tf	my	r	vg	vg	2	N.S
66	OPAL— Lindley Seeedling	l	m	5-9	v	o	o	1	1	2	m	sh	l	y	m	1-3	tn tf	j	w	vg	gt	1	N.S
74	GOVERNOR ROSS— Triumph Seedling	vl	l	5-18	m	o	o	1	2	2	vl	cn	l	y	s	1-3	tntf	mg	w	b	m	1	N.S
129	CARMAN— Post Oak x Triumph	l	vl	5-14	v	v	o	o	o	1	1	vl cn	l	b	s	2-3	tf	my	w	vg	vgt	1	N.S
81	HERMANN JAEGER— Post Oak x Herbemont	l	vl	5-12	v	v	o	o	o	1	1	l	cy sh	m	b	s	1-3	tn tf	mg	r	vg	vg	2	N.S
173	W. B. MUNSON— Post Oak 3 x Triumph	m	l	5-14	v	1	o	1	2	1	l	cy	m	b	s	1-3	tn tf	jmg	r	b	vgt	2	N.S
75	GOLD COIN— Cynthiana x Martha	l	l	5-12	v	o	o	o	1	1	m	cy	l	y	s	1-3	tn tf	j	w	vg	vgt	3	N.S
126	ONDERDONK— Herbemont Seedling	vl	vl	5-18	v	v	o	o	o	2	1	l cn	s	w	s	1-3	tn tf	j	w	b	gt	2	S
72	BLACK HERBEMONT, Herbemont Seedling	l	vl	5-18	v	v	o	o	o	2	1	vl cn	s	b	s	2-3	tn tf	mg	r	b	vgt	3	S
18	ELVICAND— Elvira x Mustang	vl	vl	5-5	v	v	o	o	o	2	1	s sh	l	dr	m	3-4	tn tf	t	r	g	gt	2	S
198	NEWMAN— Big Post Oak x Triumph	m	vl	5-16	v	o	o	1	2	1	vl	cn	vl	b	s	2-4	tn tf	j t	r	vg	gt	2	S
145	ADMIRABLE— V. Lincecumii x V. East	vl	vl	5-18	v	v	o	o	o	1	1	l cn	m	b	s	1-4	tn tf	my	r	b	vgt	3	S
183	BIG HOPE— Post Oak x Triumph	l	l	5-15	v	o	o	1	1	1	vl	cy db	m	dr	s	2-3	tn tt	t	pr	vg	vgt	2	N.S
218	MRS. MUNSON— Neosho x Herbemont	l	vl	5-17	v	v	o	o	1	2	1	l cn sh	s-m	pur	s	1-3	tn tf	mg	w	b	vgt	3	S
160	PERRY— Post Oak x Herbemont	l	vl	5-18	v	v	o	o	2	2	1	l cn	s-m	pur	s	1-3	tn tf	mgj	w	b	vgt	4	S-W
217	MUENCH— Neosho x Herbmont	l	vl	5-16	v	v	o	o	o	2	1	l cn	s-m	pur	s	1-3	tn tf	mg	w	b	vgt	3	S
151	HOPKINS— Post Oak x Cynthiana	vl	vl	5-19	v	v	o	o	o	1	1	vl cn	m	b	s	2-4	tn tf	myj	r	vg	vgt	3-4	N.S
120	RAGAN— Post Oak x Triumph	m	vl	5-16	v	v	o	o	1	1	1	l cn	m	b	s	2-4	tn	jmg	r	vg	gt	2	N.S
159	ORIOLE— Post Oak x Devereux	vl	vl	5-17	v	o	o	o	2	1	1	cy sh	s	b	s	1 3	tn tt	t	r	b	gt	3	S
165	VINITA— Post Oak x Herbemont	l	vl	5-18	v	v	o	o	o	2	1	l cn sh	s-m	pur	s	1-3	tn tf	jmg	w	b	vgt	4	S
212	NEVA MUNSON— Neosho x Herbemont	vl	vl	5-21	v	v	o	o	o	2	1	l cy sh	s	pur	s	1-3	tn tt	t	r	b	vgt	4	S
76	FERN MUNSON— Post Oak x Triumph	l	vl	5-19	v	v	o	o	1	1	1	l cn	l	b	s	1-3	tn	j t	r	b	gt	2	N.S
112	LAUSSEL— Post Oak x Gold Coin	vl	vl	5-17	v	v	o	o	o	1	1	m g sh	m	b	s	2-4	tn tf	j t	r	vg	gt	4	S
153	MARGUERITE— Post Oak x Herbemont	l	vl	5-21	v	v	o	o	o	2	1	m cy	m	pur	s	1-3	tn tf	jmg	w	b	gt	3	S

PRICES OF GRAPES IN TABLE ON PAGE 19.

Single vines by mail, each	$ 1.00
One each of any six varieties	5.00
Two each of any six varieties for	9.00
One each of any twelve varieties for	10.00
Two each of any twelve varieties for	18.00
One each of the thirty-six varieties for	25.00
One dozen of any one variety for	8.00

No cuttings of any of these except Brilliant, Rommel, Hermann Jaeger, America, Carman, Onderdonk, Fern Munson, Laussel and Marguerite will be sold at any price.

Cuttings of the nine last named varieties, each	$ .15
Ten of any one kind	1.00

I am well aware that I am offering in this collection the most valuable grapes ever introduced for general culture east of the Rocky Mountains, many being capable of competing successfully against the leading foreign grapes grown in California, and will surely be keenly sought, even in California and France, when known.

The following is an extract from Mr. Hermann Jaeger's paper, "How to Grow a Vineyard," read before the Missouri State Horticultural Society, and published in the 34th annual report of that society:

"Such grapes as Concord and a large majority of the varieties heretofore generally grown east of the Rocky Mountains cannot compete with European grapes grown in California. In order to do this successfully we must have grapes of as good quality as T. V. Munson's 'Campbell,' 'Rommel,' 'Brilliant' and 'Hermann Jaeger.' Besides the above four varieties now before the public, Mr. M. has a truly wonderful collection of seedlings and hybrids of his own creation. Through his kindness I have received, during several seasons past, samples of his best grapes, and I dare make the following statement: *If forced to plant exclusively Mr. Munson's varieties, or the grapes we heretofore cultivated I would, without hesitation, choose Mr. M.'s grapes.* You may ask how is it possible that one man should have done more in this branch of horticulture than was accomplished in eighty years by the grape growers of the whole country. My answer is, that it is the difference between hap-hazard growing of chance seedlings and the methodical work of a practical man, guided by thorough scientific training."

WORLD'S COLUMBIAN EXPOSITION.

A UNITED STATES.

DEPARTMENT B.—HORTICULTURE. 13123

Exhibitor, T. V. Munson; *Address*, Denison, Texas.

Group 20, *Class* 119.

Exhibit—Grape Exhibit.

AWARD.

A highly meritorious display, illustrating the vine in all its parts. The work represents years of labor, study and experiment, and is of incalculable benefit to the viticultural interests of the nation, as it will probably result in the establishment of many new and valuable varieties. In this exhibit are fifty-five photographs, showing leaves, growing tips, tendrils, annual wood with pith of same, and seeds of the different species of grape. The fruit and leaves of twenty-two varieties, and the name of their specific blood, are shown, together with thirty-nine frames of dried, mounted specimens, showing the various peculiarities in the leaves, tips, tendrils, annual wood, pith and seeds of the grape. Twenty-three jars showing roots and twenty-six pots of growing vines, with twenty-five specimens of old wood of all the species, serve well to illustrate the subject. The exhibit is embellished with one hundred and fifty varieties of fresh fruit, carefully labeled and showing the pedigree of each kind. The entire exhibit is of great scientific interest and affords superior facilities for study and comparison.

Approved: B. STARRATT,
President Departmental Committee.

(Signed) CHARLES W. GARFIELD,
Individual Judge.

Approved: JOHN BOYD THATCHER,
Chairman Ex. Com. on Awards.

Copyist, G. R. Date, May 17, 1894.

HARDY ORANGE.

Citrus Trifoliata, a dwarfish, handsome evergreen, blooming profusely all summer, thus giving the rich, sweet "Orange Blossoms" far north, as it has proven hardy at 10 to 20 degrees below zero. Makes a lovely specimen alone, with bright, small oranges (not edible); one of the grandest of ornamental hedge plants, as well as for single specimens. 15 cents each; $1.50 per 12; $10 per 100.

"A TREE FULL OF ROSES."

Double Rose-Colored Crab-Apple. This is a true American Crab-Apple, producing quantities of fine, very fragrant, full, double flowers, closely resembling roses. It is one of the rarest truly meritorious novelties ever introduced. Its beauty and worth are recognized by the most noted and reliable horticulturists in the country. $2 each.

HERMANN JAEGER.

A Black, Hardy
Grape,
of best
quality,
Vigorous vine,
enormously
prolific,
medium to late
free from disease.
Carman,
Originated
and
Introduced
by
T.V. Munson.
Denison, Tex.

SHADE AND ORNAMENTAL TREES.

4 TO 6 FEET, 15 CTS.; 6 TO 8 FEET, 20 CTS.; 8 TO 10 FEET, 25 CTS., UNLESS OTHERWISE MENTIONED.

Your chief happiness lies in the growing ornaments surrounding your home. Such ornaments refine and purify. Neglect them not.

Ash, hardy, handsome, excellent, easily transplanted.

Black Locust, Sweet Locust, a splendid dry-climate shade, ornamental, or grove tree, 6 to 8 feet, 20 cents each; $15 per 100; $100 per 1000. Every prairie farm should have a grove of this for shade and fence-posts.

Box-Elder, hardy, handsome, long-lived, easily transplanted; a fine stock on hand.

Elm, American, broad-leaved, long-lived, easily transplanted.

Elæagnus Argentea, silver berry, very handsome, small silvery-leaved tree; 25 cents.

Lombardy Poplar, quick, ornamental, easy to transplant.

Mulberry, sorts, excellent, quick-growing, long-lived, easy to handle.

Mulberry—Russian Weeping, the most beautiful and successful weeping tree for a dry climate ever introduced; difficult to propagate, but easy to transplant; $1 each.

Maple, Soft or Silver; the best, a favorite, quick, handsome, beautiful scarlet in fall. Have a fine stock. Can make low prices on large orders.

Japan Varnish Tree, a peculiar and striking tree, with straight, smooth, green body, and large-lobed leaves, in umbrella-like head; 50 cents.

Prunus Pissardii, foliage and fruit beautiful, permanent, bright purple; 20 cents.

Sycamore, Buttonwood, quick, hardy, long-lived, no disease. Have a fine stock.

Vitus Agnus Castus Incisa, Mint Tree, a remarkable, perpetual-flowering, small tree, hardy throughout the South, producing innumerable spikes of rich blue, highly scented, mint-like flowers, much liked by bees. The leaves are divided like a hand, into five to seven finger-like leaflets; 50 cents.

Weeping-willow, succeeds well on deep, rich soil; 25 cents.

FLOWERING SHRUBS.

ALL TESTED AND SUCCESSFUL IN TEXAS.

Almond, Double-Flowering, pink, 25 cents; white, 25 cents.

Althea, Double Red and White, splendid perpetual bloomers; 15 cents.

Budleya Lindleyana, very graceful, ever-blooming, profusion of purple spikes; 25 cts.

Bush Honeysuckle, blooms in February, very fragrant; 25 cents.

Crape Myrtle, crimson and pink, splendid summer bloomers, 15 cents; white, 25 cents.

California Privet, splendid for specimens, screens or hedging; 2 to 3 feet, 10 cts. Smaller for hedging, per 100, $4. Have large stock.

Staunton's Privet, one of the most beautiful specimens; 25 cents.

Deutzia Crenata, double pink, splendid shrub; 15 cents.

Deutzia Watsonii, very double, pure white, finest of all; 15 cents.

Lilac, large Purple, Persian and White, well-known favorites; 15 cents.

Myrica Cerifera, an evergreen, compact, broad, glossy leaves; for massing it makes a very agreeable effect; perfectly hardy in all weather; 2 to 3 feet, 15 cents each.

Philadelphus or **Syringa,** Mock Orange, sweet-scented; 25 cents.

Philadelphus-Nepaulensis, large flower, with very enduring, waxy petals. very beautiful and successful; 50 cents.

Pyrus Japonica, Scarlet Quince, a gorgeous sight in early Spring; 15 cents.

Pomgranate, double scarlet and white, half hardy, fine for tubs; 25 cents.

Spirea Prunifolia, and **Reevsii,** both double white, blooming in succession; 15 cents,

Spirea Billardii, and **Tomentosa,** both pink, perpetual; 15 cents.

Spirea Argentea, and **Fontaneysii,** both white, perpetual; 15 cents.

Tamarix Plumosa, novel, graceful, flowering in perpetual sweet pink spikes; 25 cents.

Weigela Rosea, bell-shaped, rose-colored, a favorite; 15 cents.

ORNAMENTAL VINES.

Ampelopsis Quinquefolia, American Ivy, fine to cover walls; 15 cents.
Ampelopsis Veitchii, still more handsome than the American; 25 cents.
Cissus Incisa, a most lovely, thick, waxy-leaved climber, growing from tubers; hardy anywhere in the South; 25 cents each.
Climbing Roses, Baltimore Belle, blush; Prairie Queen, rich pink; 25 cents.
Honeysuckles, *Monthly Sweet*, buff, profuse, perpetual bloomer, 25 cents. *Chinese Evergreen*, white, buff, sweet, glossy green, 25 cents. *Japanese Evergreen*, white, purplish, downy, 25 cents. *Scarlet Trumpet*, nearly perpetual, handsome, 25 cents. *Yellow Trumpet*, a nice mate for the scarlet, 25 cents.
Wistaria, American purple, 25 cents.
Vitis Rubra, hardy, rare, but exquisitely beautiful, dark, glossy leaves, good climbing grape; for trellis or arbor, nothing prettier; 25 cents.
Vitis Monticola, hardy, rare, very handsome, small, light-green, glossy-leaved, clean grower; 25 cents.
Vitis Munsoniana, most graceful, weeping, beautiful, glossy, lively, green leaves, vigorous grower, for bowers, arbor or trellis; hardy only in Gulf States, but for growing indoors North it is superb. Native of Southern Florida. 25 cents.

ROSES.

STRONG, OPEN GROUND—ONE YEAR, 25 CENTS EACH; $2.50 PER DOZEN.

EVERBLOOMING.

Bride, strong, healthy, large, double, fine bud, delicate carmine blush.
Clothilde Soupert, vigorous, profuse bloomer, with medium, very full, white flowers.
Martha Washington, snow-white, in clusters, medium-size, abundant and constant bloomer.
Marie Guillot, moderate grower, creamy white, large, very full, none finer.
Etoile de Lyon, clear yellow, full and sweet, good grower and bloomer.
Perle des Jardins, vigorous, fine yellow, large, full, good bloomer, best yellow.
Sunset, saffron yellow, large, full, free flowering.
Catherine Mermet, vigorous, large, full, bright flesh-color, very sweet.
Duchess de Brabant, vigorous, free bloomer, salmon pink, very sweet.
La France, strong, upright, very large, full, delicate pink, sweet, profuse.
Madam de Watteville, pink, with crimson borders, very full.
Duchess of Albany, large, full, splendid pink, rather superior to La France.
Souv. d'un Ami, large, full, fine, pink.
Waban, large, double, crimson, good bloomer.
Wooton, fine, rich crimson, good plant and flower.
Gen. Jaqueminot, vigorous, hardy, large, scarlet; blooms in the spring and fall.

CLIMBING ROSES.

Baltimore Belle, good climber, medium, full, blush, in clusters, profuse in spring.
Prairie Queen, strong climber, large, full, clear rich rose, profuse in spring.

MOSS ROSES.

Capt. Ingraham, white.
Glory of Mosses, clear pink, very mossy buds,
Henry Martin, crimson.
Luxemburg, rich rose, double, very mossy.

T. V. MUNSON'S ORDER SHEET.

No. of Order ..... *Date* .....

Filled by ..... *Packed by* .....

(***Please fill out blank below with your order.***)

....., *189*.....

T. V. MUNSON, DENISON, TEXAS:

For the amount remitted herewith, $ ....., please fill the following list as nearly as your stock will permit. You may use your judgment in case you cannot fill exactly, by putting in what most nearly and satisfactorily will fill the place for the same money.

Ship by..... to Station.....

Care of .....

P. O. ..... County..... State.....

My residence is .....miles from the station. [If no substitution will do, so direct.]

(NAME) .....

No. ..... Street or Avenue.

LIST OF ARTICLES.

NO.	Name and Size of Article.	Dollars.	Cts.

No.	Name and Size of Article.	Dollars.	Cts.

Total

Deduct Discount of Bill .... per cent

Net Amount of Bill

NNIALS.

EDDING.

ble Tige ennial lily; 25 cents.

lia Japoni Grass, the prettiest and most enduring of all the grasses, producing equal to Pampas Grass; 15 cents.

lia Gracillima Univ **a,** very vigorous, graceful, dark-green "Fountain Grass;" 15 cents.

scus Incanus, a purple-stemed, purple-leaved, new Southern species, profusely for two or three months in heat of summer, large, four to six inches broad, funnel-shaped, white flowers, with rich crimson eyes; a very desirable new bedding plant; 25 cts. each.

scus Militaris, a rare, wild, Southern species, with light-green, halbert-shaped leaves, and flowers similar to the above, but larger; 25 cents each.

scus Moscheutos, another Southern species, with large, heart-shaped, light-green, downy leaves; growing 3 to 4 feet high, with similar but still larger and more profuse flowers than either of the above; 25 cents each.

All the above are vigorous, hardy perennials, coming anew every year from the fleshy roots, and make attractive display singly, in clumps, or beds and borders.

an Iris, a splendid, attractive, border plant, large, showy flowers; 15 cents each.

a, beautiful, variegated evergreen creepers; excellent for covering graves; 15 cents.

onias, fine, assorted; 25 cents each.

CONE-BEARING EVERGREENS.

or Vitæ, *Chinese*, dark-green, vigorous, hardy, desirable; 15 per foot.

or Vitæ, *Golden*, roundish, conical, compact, beautiful; 25 cen t.

iper, *Trailing Tamarix-Leaved,* very hardy, fine; 20 cents per f

iper, *Red Cedar*, one of our best evergreens; 15 cents per foot, tw 25 cents.

vson's Cypress, very graceful, excellent; 25 cents.

e, *Austrian*, the most successful pine here; 2 to 3 feet, 50 cents.

ck Hills Spruce, 50 cents.

us Ponderosa, *Rocky Mountain Yellow Pine*, very beautiful and successful; small trees 25 cents each.

BROAD-LEAVED EVERGREENS.

e Jessamine, (*Gardenia Florida*). What the Magnolia is as a flowering evergreen tree, the Jessamine is as an evergreen flowering shrub. Flowers double, pearly-white, wax-like petals, very sweetly scented. In regions north of the latitude of Waco, Texas, it needs winter protection. If put in tub in fall and kept as stove plant, with good heat and light in house, will flower throughout the winter. 25 cents each.

onymus Japonica Variegata, a very handsome evergreen shrub, with leaves in white and green; about equally hardy with the Cape Jessamine; 20 cents each.

ergreen Tree-Box (*Buxus Sempervirens*), a splendid, perfectly hardy evergreen shrub, excellent for cemetery planting, and for ornamental screens and hedging; 6 inches, 15 cts.; 1 foot, 25 cts.

gnolia Grandiflora. This grandest of all evergreens and flowering trees succeeds throughout Texas and the Indian Territory, as well as in other Southern States. By clipping off all but a few of the tip leaves when taken up, and as treated in my handling, they are readily transplanted. One foot, 25 cents; two feet, 50 cents each.

JUICE OF THE VINE.

FOR TABLE, SACRAMENTAL AND MEDICINAL USE. MADE FROM RIPEST CHOICE GRAPES.

Fresh Grape Juice ("Unfermented Wine.")

This delicious beverage is one of the most appetizing, wholesome foods and reme preparations known. It ually efficient as fresh grapes where the "Grape Cure" remedy may be recomm d. All relish it; children or it. Most carefully prepared by a special process. In pint bottles, hermeti sealed, 30 cents each; $3 a. In quart bottles, hermetically sealed, 50 cents each; $5 per 12.

Medal and Diploma of Highest Merit was awarded me at the World's Columbian Exposition, 1893. (See copy of award, page [illegible].)